



FIG. 8 (a)



FIG. 8 (b)

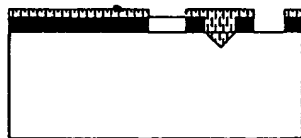


FIG. 8 (c)

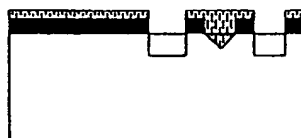


FIG. 8 (d)

PR SiO<sub>2</sub>

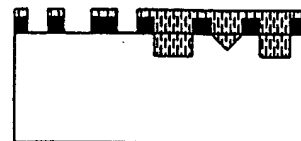


FIG. 8 (e)

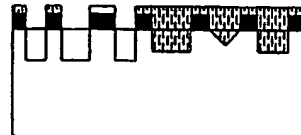


FIG. 8 (f)

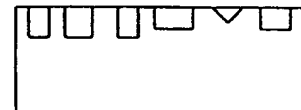


FIG. 8 (g)

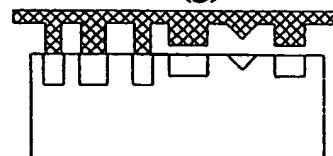


FIG. 8 (h)

Si PMMA

FIG. 8 (i)

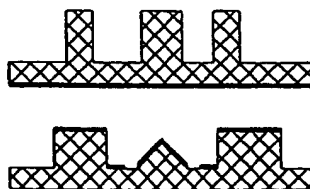


FIG. 8 (j)

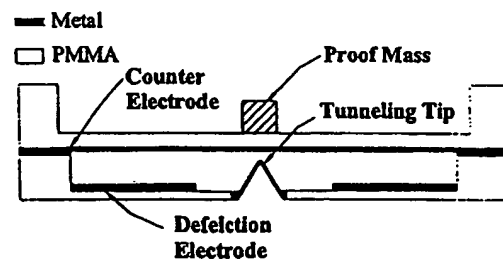


FIG. 8 (k)

Cross section of a membrane type PMMA-based tunneling sensor